

Service Manual

Multi Media Display

Supplement

PT-44LCX65
PT-52LCX65
PT-61LCX65
PT-52LCX15
PT-52LCX35
PT-61LCX35
PT-44LCX65-K
PT-52LCX65-K
PT-61LCX65-K
PT-52LCX15K

Subject: Introduction of EEPROM CORRECTION TOOL

Please file and use this supplement service manual together with the service manual for Order No. MKE0505850C1 (for models PT-44LCX65, PT-52LCX65, and PT-61LCX65), MKE0506853A1 (for model PT-52LCX15), MKE0603865AE (for models PT-52LCX35 and PT-61LCX35), MKE0505852C1 (for models PT-44LCX65-K, PT-52LCX65-K, and PT-61LCX65-K), and MKE0609860AE (for model PT-52LCX15K).

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

1 Introduction of EEPROM CORRECTION TOOL

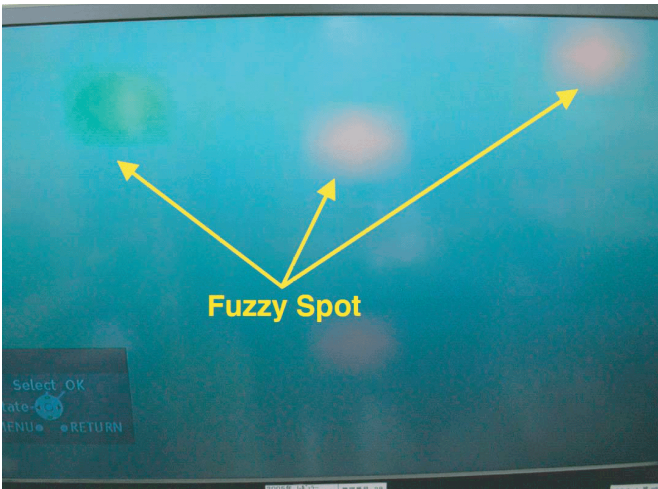
In order to correct the symptoms shown below, the EEPROM CORRECTION TOOL (LSUQ0100) has been introduced.

2 Symptoms that can be corrected by EEPROM CORRECTION TOOL

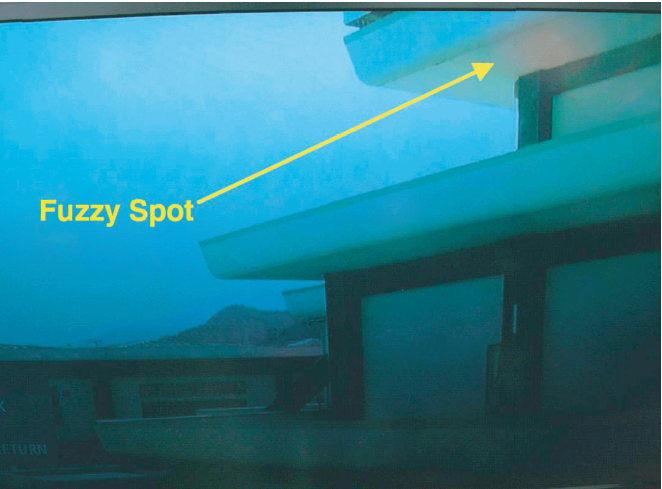
Turn the TV ON and tune to any channel program. Check the picture for any one of the following symptoms:

HINT: Look for FUZZY SPOTS in the picture as shown. The FUZZY SPOTS point to the symptoms that can be corrected by the EEPROM CORRECTION TOOL.

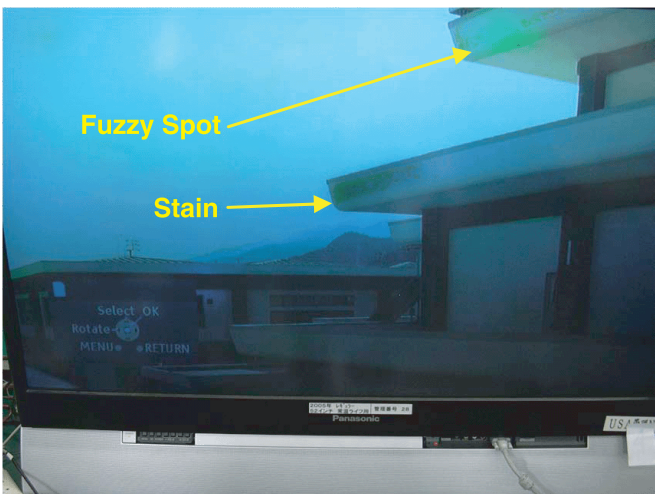
1. FUZZY SPOTS



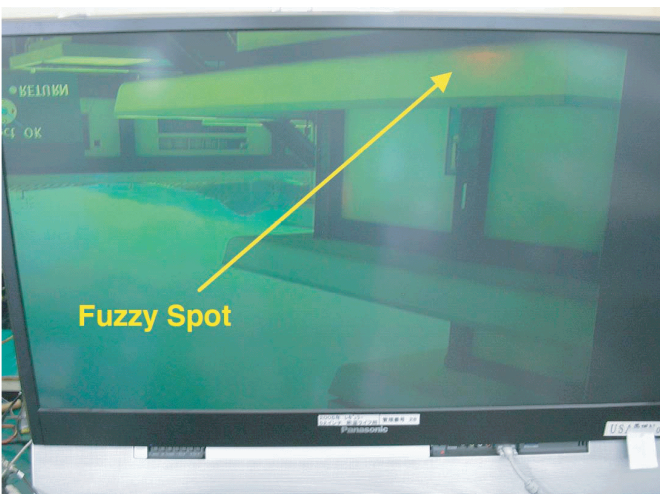
2. FUZZY SPOTS



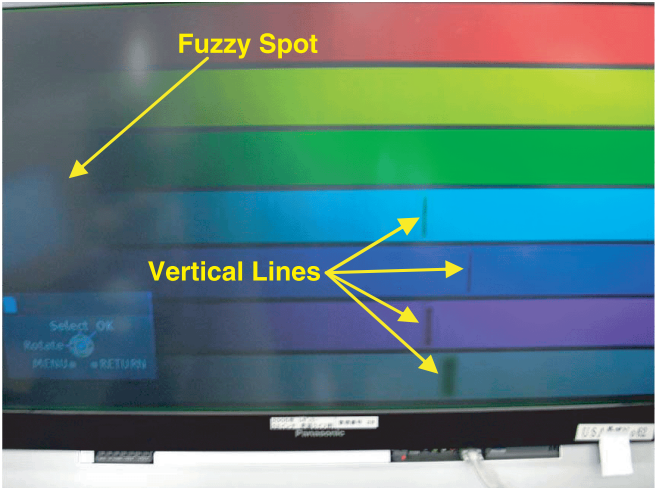
3. FUZZY SPOTS WITH STAINS



4. FUZZY SPOTS & UPSIDE DOWN



5. FUZZY SPOTS WITH VERTICAL LINES

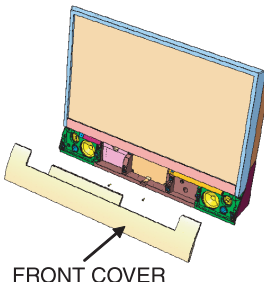


3 How to use the EEPROM Correction Tool

Step 1: Unplug the TV and then remove the TV's rear cover as shown below. (Please refer to Service Manual in detail.)

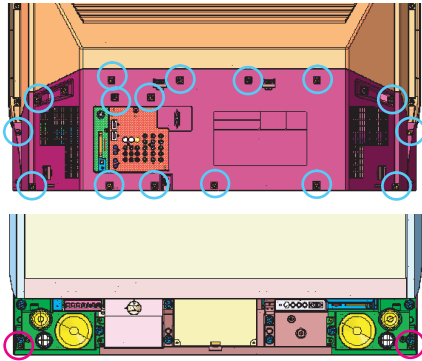
<PT-44LCX65 and PT-44LCX65-K>

1. Remove FRONT COVER.



FRONT COVER

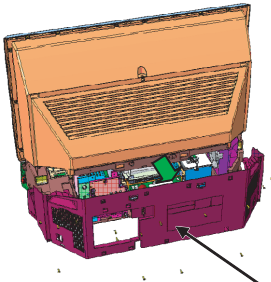
2. Remove 18 Screws fixing REAR COVER.



18 Screws (REAR)

2 Screws (FRONT)

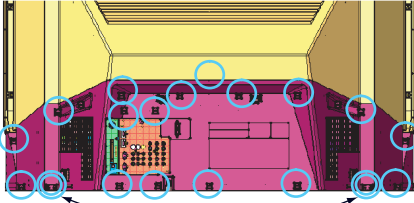
3. Remove REAR COVER.



REAR COVER

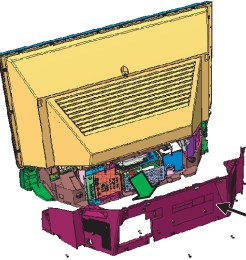
<PT-52LCX65, PT-52LCX15, PT-52LCX35, PT-52LCX65-K, and PT-52LCX15K>

1. Remove 21 Screws fixing REAR COVER.



2 screws

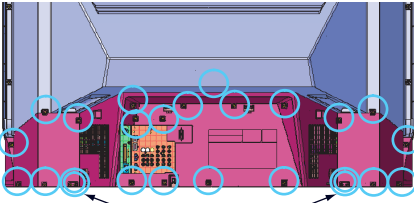
2. Remove REAR COVER.



REAR COVER

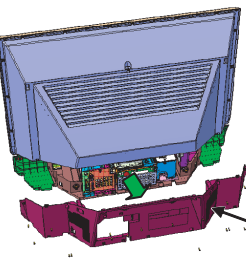
<PT-61LCX65, PT-61LCX35, and PT-61LCX65-K>

1. Remove 25 Screws fixing REAR COVER.



2 screws

2. Remove REAR COVER.



REAR COVER

Step 2: Touch the metal shield plate of the ballast unit with your hand to discharge ESD.

Step 3: Connect the tool's connector into the TV's Connector P2301.

Step 4: Connect the TV's AC Plug and turn the TV on.

Step 5: Tune the TV to a channel program.

Step 6: Press the **RST(RESET)** button on the tool.
PWR(POWER) LED: lights RED **STATUS LED**: OFF

Step 7: Press **START** button on the tool.
STATUS LED: Orange → Green (after approx. 6 minutes)
If the **STATUS LED** turns Red, repeat the operation from RESET.
Note: After approx. 3 minutes, the picture on the TV screen will be corrected (symptom shall disappear).
Caution: Do not turn the TV OFF or disconnect the tool while the **STATUS LED** is still Orange. Please wait until the **STATUS LED** becomes Green indicating that the Data Verification is completed.

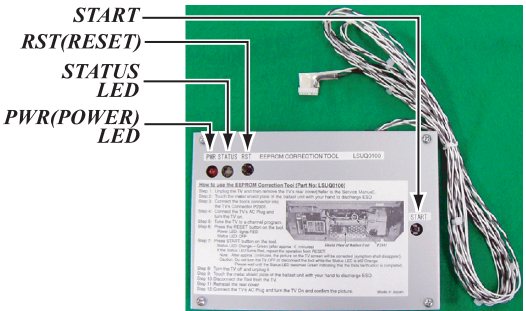
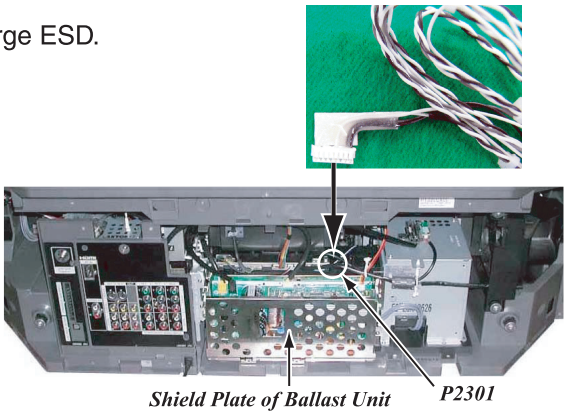
Step 8: Turn the TV off and unplug it.

Step 9: Touch the metal shield plate of the ballast unit with your hand to discharge ESD.

Step 10: Disconnect the Tool from the TV.

Step 11: Reinstall the rear cover.

Step 12: Connect the TV's AC Plug and turn the TV On and confirm the picture.



4 Part Information

Part No.	Part Name	Remarks
LSUQ0100	EEPROM CORRECTION TOOL	PSEC